

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number
WO 2003/102578 A3

(51) International Patent Classification⁷: G01N 33/50,
33/68, 33/551, B01J 19/00, C12Q 1/68, G01N 33/569

(21) International Application Number:
PCT/EP2003/005798

(22) International Filing Date: 3 June 2003 (03.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02447105.4 3 June 2002 (03.06.2002) EP

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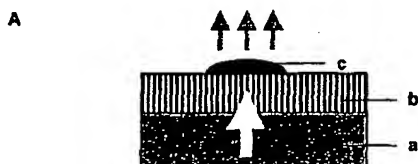
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: HIGH THROUGHPUT CELLULAR RESPONSE ASSAY USING MICROARRAYS



(57) Abstract: The present invention relates to methods for screening of cellular responses of cellular components comprising:(a) providing cellular components on the surface of a substrate, said substrate having immobilized thereon an array of detector molecules;(b) delivering test compounds to positions on the substrate corresponding to the arrayed detector molecules on the surface of said solid substrate;(c) incubating said test compounds with said cellular components on the surface of the solid support, under conditions allowing the induction of cellular responses;(d) assaying said cellular responses; and, identifying and characterizing the cellular responses induced by said test compounds. The present invention further relates to the uses of said methods as well as microarrays and kits for carrying out said methods.

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

(88) Date of publication of the international search report:

4 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No.

CT/EP 03/05798

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/50 G01N33/68 G01N33/551 B01J19/00 C12Q1/68
G01N33/569

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, WPI Data, MEDLINE, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 197 575 B1 (TANNENBAUM STEVEN ET AL) 6 March 2001 (2001-03-06) the whole document column 26, line 1 - column 27, line 7 column 29, line 7 - line 54 column 32, line 29 - line 64 column 33, line 34 - line 64 column 36, line 12 - column 37, line 42 examples 7,8,10	1-3,5, 9-19, 22-32, 34,35
Y	---	1-35
X	WO 00 63701 A (UNIV LELAND STANFORD JUNIOR ;BROWN PATRICK (US); HAAB BRIAN (US)) 26 October 2000 (2000-10-26) the whole document	28-32
Y	---	1-35
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

26 November 2003

Date of mailing of the international search report

04/12/2003

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/05798

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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International Application No

PCT/EP 03/05798

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